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ABSTRACT OF THE DISCLOSURE

10 The present invention is directed to the provision
of a transmission apparatus and, more particularly, of a
transmission apparatus equipped with an alarm transfer
device that enables alarm information to be transferred
on a network where a protocol having a dedicated frame
for achieving network management and client maintenance
15 and a protocol that does not have such a dedicated frame
are running in mixed fashion. The transmission
apparatus, which is connected to the network where
transparent data transmissions are performed using a
plurality of client protocols, is designed to accommodate
20 at least one of the plurality of protocols as a primary
client protocol, and the alarm transfer device transfers
alarm information indicating the occurrence of a failure
to a destination transmission apparatus via the network,
wherein the alarm information is transferred using an
25 alarm frame created based on a prescribed client protocol
unified among the plurality of client protocols.